

## ===== WPI =====

- TI - Prodn. of decorative sheet having stereoscopic patterns - by printing base paper with aq. ink contg. metallic soap, treating paper with aq. resin and drying
- AB - J62009956 Prodn. comprises printing base paper with aq. ink contg. metallic soap to form print patterns where concaved patterns might be formed afterward, impregnating the printed paper with aq. resin soln. for reinforcing, drying, coating the printed surface with transparent aq. amino resin coatings, and drying. The aq. ink does not prevent the resin soln. from penetrating into the base paper.
- The aq. ink contains aq. resin (e.g., hydroxypropyl cellulose, polyvinyl alcohol, polyacrylic acid, polyvinyl pyrrolidone, casein) as binder, and 10-20% of metallic soap (e.g., Ca, Ba, Sr, Mg, or Zn salt of stearic acid). The aq. resin is e.g., crosslinkable acrylic, urea, melamine. The aq. amino resin coatings is of e.g., melamine, urea, etc.
- USE/ADVANTAGE - Impregnation resin provides improved strength and resistance to thinner. The amino resin coatings is not formed on the printed areas of the impregnated paper by the metallic soap to provide concaved patterns such as wood-like patterns. (0/0)
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